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REMARKS/ARGUMENTS

Applicant has herein amended claims 1, 7, 11, 13, 19 and 27. Applicant has herein cancelled claims 9, 10, 12, 20, 21, 23-26, 36 and 38. Claims 1-3, 7, 8, 11, 13-15, 19, 22, 27-29, 31-33, 35, 37 and 39 will be in the application after entry of this amendment. Applicant hereby requests entry of this amendment and reconsideration of this application in view of the foregoing amendments and the arguments made below.

The Examiner has finally rejected claims 1-3, 9, 10, 11, 13-15, 23-26, 27-32, 38 and 39 under 35 U.S.C. § 112, first paragraph for claiming subject matter not described in the specification. Applicant has cancelled dependent claims 9, 10, 23-26 and 38 and re-written the independent claims from which they ultimately depend to include corrected pulse-shape language. For all independent claims that include the language regarding the pulse-shape component, either previously or via the present amendment, Applicant has amended the language substantially in accordance with the Examiner's suggestion, to refer to the pulse-shape component "and" symbols from prior iterations. Thus, Applicant submits the claims as amended comply with section 112.

The Examiner has maintained the rejection of claims 7, 8, 12, 19-23, 35 and 37 under 35 U.S.C. § 103(a) in view of Dabak in combination with Hafeez et al. While not necessarily agreeing with the Examiner, Applicant has herein cancelled claims 12, 20, 21 and 23, rendering this rejection moot for these claims. In addition, Applicant has amended remaining independent claims 7 and 19 to be commensurate with dependent claims 9 and 24, subject further to the amendment discussed above with respect to the rejection under section 112. Since claims 9 and 24 were not rejected under section 103, Applicant presumes claims 7 and 19 are now allowable over Dabak and Hafeez for at least the same reasons that previous claims 9 and 24 were allowable over Dabak and Hafeez. All remaining dependent claims in the application should now be allowable over Dabak and Hafeez for at least the same reasons that the independent claims are now allowable.

Applicant notes that the Examiner has pointed out in paragraph 3 of the Final Office Action that Applicant made an error in listing nonexistent claim 40 in the first paragraph of the remarks section of the previous office action response. Applicant's attorney apologizes for

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this typographic error and has endeavored to list the claims properly in the summary paragraph at the beginning of the remarks section of the present response.

For the foregoing reasons, Applicant submits that the present claims as amended are in condition for allowance. Entry of this amendment and reconsideration of the application as amended is hereby requested.

Respectfully,

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